

DENISOV, Ye.N.; MATVEYENKO, Ye.G.

Purification of radioiodine-labeled Rose Bengal from admixtures
of unbound radiciodine. Med. rad. 10 no.11:65-66 N '65.

(MIRA 19:1)

1. Laboratoriya radioisotopov diagnostiki (zav. - prof. M.N.
Fateyeva) Instituta meditsinskoy radiologii AMN SSSR. Submitted
December 12, 1963.

ACC NR: AP7000645

SOURCE CODE: UR/0414/66/000/003/0087/0094

AUTHOR: Deribas, A. A. (Novosibirsk); Matveyenkov, P. I. (Novosibirsk); Sobolenko, T. M. (Novosibirsk)

ORG: none

TITLE: Explosive strengthening of high-manganese steel

SOURCE: Fizika gorenija i vzryva, no. 3, 1966, 87-94

TOPIC TAGS: ~~high manganese steel, steel strengthening, explosive strengthening, forming~~
~~mechanical property/G13 steel~~

ABSTRACT: Several techniques for explosive strengthening of G13 high-manganese steel have been tested. The normal shock wave generated by detonation of 6ZhV ammonite, hexogen (RDX), or a TG50/50 explosive (unidentified) spread directly on steel on steel specimens increased the microhardness from the initial 270—290 kg/mm² to 330—360, 420—450, and 500—580 kg/mm², respectively. The highest hardness achieved with the use of TG50/50 explosive was, however, accompanied by cracking and chipping of the specimens. More satisfactory results were achieved with oblique shock waves propagating along the surface of the specimen. In this method, the explosive was placed in such a way (see Fig. 1) so as to create conditions similar to hydrostatic pressure. This technique prevented cracking and produced a maximum hardened layer at the same depth from the surface. The amount of upsetting, the depth of the hardened layer, and its distance from the surface

Card 1/2

UDC: 662.215.2

ACC NR: AP7000645

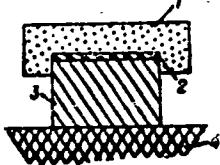


Fig. 1. Layout of the hardening process

1 - Explosive charge; 2 - inert material; 3 - hardened specimen; 4 - rigid base.

increased with increasing thickness of the layer of explosive. Explosive strengthening with this technique increased the Gl3 steel tensile strength from 61.0 to 100.0 kg/mm² and the yield strength from 46.6 to 90.2 kg/mm², and decreased the reduction of area from 13.6 to 7.0% and the impact toughness from 9.6 to 7.6 kg·m/cm². Application of this technique of explosive strengthening increased the service life of railroad frogs by 1.5—2 times. Orig. art. has: 9 figures and 4 tables.

[MS]

SUB CODE: 13, 11/ SUBM DATE: 12Mar66/ ORIG REF: 002/ OTH REF: 002/ ATD PRESS: 5109

Card 2/2

Name: MATVEYENKOV, Iov Ivancvich

Dissertation: Laws of social development and their utilization

Degree: Doc Philosophical Sci

Affiliation: Novosibirsk Engineering-Economics Inst

Defense Date, Place: 19 Jun 56, Council of Inst of Philosophy,
Acad USSR

Certification Date: 21 Sep 57

Source: BMVO 22/57

MATVEYENKOV, I.I.

Tenth anniversary of the Chinese People's Republic. Izv. Sib. otd.
AN SSSR no. 10:142-143 '59. (MIRA 13:4)
(China)

MATVEYENKOV, I.I.; MOSKALENKO, A.T.

Principal problems in the communist education of workers. Izv.
Sib. otd. AN SSSR no.7:126-129 '61. (MIR 14:7)
(Communist education)
(Labor and laboring classes—Education)

MATVEYENKOV, I.I., doktor filosof.nauk

At the Council for Philosophical Problems in Natural History.
Vest. AN SSSR 33 no.6:105-107 Je '63. (MIRA 16:7)
(Science—Philosophy)

STULIY, L.A.; SAFRONOVA, O.N.; BUTS'KA, I.K., kand. med. nauk; KRIVOBOKOV, S.A. [Kryvobokov]; VOLOSHINOV, B.M. [Voloshynov, B.M.], dotsent; BICHKOVSKIY, V.N. [Byshkovs'kyi, V.N.] dotsent; POKOTILOVA, V.Yu. [Pokotylova, V. Yu]; KOLESNIKOV, G.F. [Kolesnykov, H.F.]; ZLATKIS, L.S.; SAVOST'YANOVA, S.I.; BRIN, D.D. [Bryn, D.D.]; MATVEYENKO, Ye.A. [Matviienko, Ye.A.]; BRONZ, L.M.; YEFSHTEYN, L.G. [Epshteyn, L.H.], kand. med. nauk; SHAKHNOVICH, L.A. [Shakhnovych, L.A.]

Annotations and authors' abstracts. Pediat. akush. ginek. no.3:
31-34 '63 (MIRA 17:1)

1. Khar'kovskiy nauchno-issledovatel'skiy institut okhrany mate-
rinstva i detstva (for Stuliy).
2. Kafedra detskikh bolezney
Odesskogo meditsinskogo instituta (for Safronova).
3. Ukrains-
kiy institut okhrany materinstva i detstva (for Buts'ka).
4. Detskiy sanatoriya dlya rekonevalescentov ot tuberkuleznogo
meningita, Kiyev, Pushcha-Voditsa (for Kryvobokov).
5. Detskaya
klinika Ivano-Frankovskogo meditsinskogo instituta (for Volo-
shinov).
6. Kafedra detskikh infektsionnykh bolezney Krymskogo
meditsinskogo instituta (for Bichkovskiy, Pokotilova).
7. In-
stitut infektsionnykh bolezney Kiyev (for Kolesnikov).
8. Khar'-
kovskiy oblastnoy detskiy dom No.1 (for Zlatkis, Savost'yanova,
Brin, Matveyenko).
9. Kafedra pediatrii Kiyevskogo medi-
instituta (for Bronz).
10. Kafedra fakul'tetskoy pediatrii Gor'kovskogo med.
instituta (for Yepshteyn).
11. 2-ya detskaya bol'ница Shevchen-
kovskogo rayona g. Kiyeva (for Shakhnovich).

L 37074-66 EWT(1) T JK

ACC NR: AP6013759 (A)

SOURCE CODE: UR/0241/65/010/011/0065/0066

AUTHORS: Denisov, Ye. N.; Matveyenko, Ye. G.

27

B

ORG: Institute of Medicinal Radiology, AMN SSSR, Laboratory of Radioisotopic Diagnostics, Professor M. N. Fateyeva, Director (Instituta meditsinskoy radiologii AMN SSSR, Laboratoriya radioizotopnoy diagnostiki)

TITLE: Removal of free I¹³¹ from I¹³¹-labelled Bengal rose

SOURCE: Meditsinskaya radiologiya, v. 10, no. 11, 1965, 65-66

TOPIC TAGS: radiation chemistry, chemical labelling, diagnostic medicine, anionite, iodinated organic compound, ion exchange chromatography / AV-17 anionite

ABSTRACT: A method for the removal of free I¹³¹ contaminating industrially prepared I¹³¹-labelled Bengal rose is described. The procedure is of importance because the presence of free I¹³¹ distorts the diagnostic data obtained by using I¹³¹-labelled Bengal rose in liver diseases. The method consists of passing Bengal rose in glycine buffer solution through an ion exchange column filled with anionite AV-17 (in Cl⁻ form) at a rate of 0.5--1 ml/min. The amount of free I¹³¹ in the

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UDC: 616-073.916:615.42

L 37074-66

ACC NR: AP6013759

technical preparation was reduced from 9.28 to 0.35%. The purified preparation was considerably more stable to sterilization by boiling. Orig. art. has: 1 figure and 1 table.

SUB CODE: 07, 06/ SUBM DATE: 12Dec63

mc
Card 2/2

AUTHORS:

Temnikova, T. I., Kovalevskaya, R. N., Matveyenkova, N. I.
Sklyarova, V. V.

SCV/79-29-2-7/71

TITLE:

Investigation in the Field of Cyclic Acetals of Oxy-carbonyl Compounds (Issledovaniye v oblasti tsiklicheskikh atsetaley oksikarbonil'nykh soyedineniy). IX. Ethyl Lactolides and Diethyl Ketals of Ethyl-benzoyl Carbinol and Propyl-benzoyl Carbinol (Etillaktolidy i dietilketali etilbenzilkarbinola i propilbenzoilkarbinola)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 2, pp 381-386 (USSR)

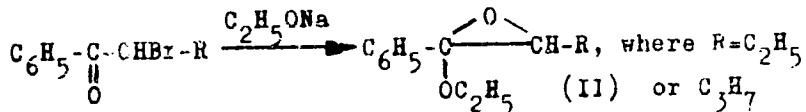
ABSTRACT:

Investigation of ethyl lactolides of the α -keto alcohols has been hitherto very scarce. Following up earlier papers by Temnikov and collaborators, as well as of other chemists, the present paper describes the synthesis of two new ethyl lactolides of the secondary aliphatic-aromatic α -keto alcohols, ethyl-benzoyl carbinol and propyl-benzoyl carbinol. On carrying out the reaction in the usual way, i.e. by the action of a suspension of sodium ethylate in absolute ether, resinification occurred:

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SOV/79-29-2-7/71

Investigation in the Field of Cyclic Acetals of Oxy-carbonyl Compounds.
 IX. Ethyl Lactolides and Diethyl Ketals of Ethyl-benzoyl Carbinol and Propyl-benzoyl Carbinol



Both ethyl lactolides (yield 10-15%) are very unstable and immediately yield ethyl-benzoyl carbinol with water in an alkaline medium. On the action of sodium ethylate upon the same bromo-ketones in absolute alcohol resinification is insignificant; still, only with α -bromo-butyl-phenyl ketone the separation of the corresponding lactolide (II, $\text{R}=\text{C}_3\text{H}_7$) was successful. On standing, however, either diethyl ketals of the corresponding α keto alcohols (III) or further transformation products are formed. Thus, on the action of sodium ethylate on α -bromo-propyl-phenyl ketone not diethyl ketal is formed but a lactolide of ethyl-benzoyl carbinol (IV, $\text{R}=\text{C}_2\text{H}_5$). Diethyl ketals (III, $\text{R}=\text{C}_2\text{H}_5$ or $\text{n}-\text{C}_3\text{H}_7$) are obtained at low temperature only. In analytically

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Investigation in the Field of Cyclic Acetals of Oxy-carbonyl Compounds.
IX. Ethyl Lactolides and Diethyl Ketals of Ethyl-benzoyl Carbinol and Propyl-benzoyl Carbinol

SOV/79-29-2-7/71

pure state only diethyl ketal of ethyl-benzoyl carbinol was obtained, which is likewise very unstable. Ethyl lactolides are much more unstable than methyl lactolides of the same keto alcohols. On the action of $ZnCl_2$ on the ethyl lactolide of propyl-benzoyl carbinol, a dimerization takes place in the cyclodiethyl dilactolide. There are 10 references, 6 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet (Leningrad State University)

SUBMITTED: December 31, 1958

Card 3/3

ZHARIKOV, N.M.; IL'INSKIY, Yu.A.; KERBIKOV, O.V.; MATVEYETS, L.S.

Data on immunological reactivity in schizophrenia. Zbir.nevr. i psich.
56 no.8:612-621 '56.
(MLRA 9:11)

1. Kafedra psichiatrii II Moskovskogo meditsinskogo instituta (zav. -
prof. O.V.Kerbikov) i laboratoriya tulyaremii (zav. - prof. N.G.
Olsuf'yev) Instituta epidemiologii i mikrobiologii imeni N.J.Gamalei
ANN SSSR, Moskva.

(SCHIZOPHRENIA, immunology,
(Rus))

MATVEYETS, L.S.

MATVEYETS, L.S.; OISUV'YEV, N.G.; IL'INSKIY, Yu.A.; ZHARIKOV, N.N.;
KHIBIKOV, O.V.

Studies on the immunological reactivity of the organism following vaccination against tularemia in subjects with modification of the central nervous system. Zhur.mikrobiol.epid. i immun. 28 no.9:
46-51 S '57. (MIRA 10:12)

1. Iz Instituta epidemiologii i mikrobiologii N.P. Gemalei AMN SSSR
i II Moskovskogo meditsinskogo instituta.

(CENTRAL NERVOUS SYSTEM, diseases,
eff. on immunol. reactivity to tularemia vacc. (Rus'))
(TULAREMIA, prevention and control,
vacc., eff. of CNS dis. on immunol. reactivity (Rus))

17(2,6)

SOV/16-60-2-3/35

AUTHOR: Matveyets, L.S.TITLE: The Study of Revaccination in Tularemia, Experimentally and in ManPERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 2,
pp 14 - 22 (USSR)

ABSTRACT: The question of vaccination in tularemia has been studied in humans by V.S. Sil'chenko, G.P. Uglov, I.N. Mayskiy, M.F. Shmutter, V.A. Yudenich, I.L. Martinevskiy and, in guinea pigs, by A.L. Matskevich. In view of the inadequacy of the findings, however, Matveyets undertook his own study of the general immunizatory mechanism in tularemia and the degree of immunity achieved by revaccination. The experiments with guinea pigs showed that revaccination (supervaccination) of the animals with live tularemia vaccine in the period when immunity induced by the first inoculation is still active increases the antibody titer, allergic reactivity and other immunogenic indices in the guinea pigs and enhances their resistance to infection. These findings are born out by similar observations of superimmunization in humans. Here the vaccinal process was speeded up and was accompanied by a partial rise in the immunological indices. When revaccination was performed on a person who had completely

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SOV/16-60-3/35

The Study of Revaccination in Tularemia, Experimentally and in Man

lost the immunity gained from the first immunization, the vaccinal process developed within normal time limits and pursued the same course as with primary immunization. The agglutinin titer, skin reactivity and other immunological indices were at about the same level as in primary immunization.

There are: 3 tables, 2 graphs and 9 Soviet references.

ASSOCIATION: Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR (Institute of Epidemiology and Microbiology imeni Gamaleya of the AMN, USSR)

SUBMITTED: November 29, 1958

Card 2/2

MATVEYEV, AS., inzh.

Methods for the regulation of air flow in pneumatic separators.
Trakt. i sel'khozmash. no.10:23-25 O '64. (MIRA 17,12)

1. Vsesotschnyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva.

SILIVANOV, A. S., dots.; MATVEYEV, A. A., inzh.

Method of concentrating metropolitan and local province telegraph communications. Vest. sviazi 20 no.10:14-16 O '60.

(MIRA 13:11)

1. Novosibirskiy elektrotekhnicheskiy institut svyazi (for Silivanov).
2. Laboratoriya Novosibirskogo tsentral'nogo telegrafa.
(Telegraph)

NATVEYEV, A.A.

Epidemiological characteristics of epidemic hepatitis (Botkin's disease) during a six-year period in a Vitebsk rural district.
Zdrav. Belor. 6 no.4:48-50 Ap '60. (MIRA 14:5)

1. Is kafedry infektsionnykh bolezney Vitebskogo meditsinskogo institute (zaveduyushchiy - professor A.I.Reznikov) i Vitebskoy rayonnoy sanepidstantsii (glavnnyy vrach B.L.Ginsburg).
(VITERSK--HEPATITIS, INFECTIOUS)

MATVEYEV, A.A.

TIKHONOV, G.V., vetrach; MANAKOV, N.N., zootekhnik; MATVEYEV, A.A., vet.
fel'dsher.

Eliminating fascioliasis and dictyocaulosis from sheep on the stock
farm. Veterinariia 35 no.4:49-50 Ap '58. (MIRA 11:3)

1. Vologodskiy veterinary tekhnium (for Tikhonov). Z. Kolkhoz
"Krasnoye znamya" (for Manakov, Matveyev).
(Sheep--Diseases and pests)

37180

S/138/62/000/004/008/008
A051/A126

15.9300

AUTHORS: Zuyev, Yu.S.; Kirshenshteyn, N.I.; Matveyev, A.A.

TITLE: Rupturing machine with contactless measurement of deformation and automatic tension recording

PERIODICAL: Kauchuk i rezina, no. 4, 1962, 44 - 47

TEXT: Machines for automatic measurement of deformation used at the present time are said to have the following shortcomings: In all cases the measurement between the clamps does not correspond to the deformation of the working section for which the tension in expansion is being measured. An American patent with additional attachment for recording the expansion of the working section is also mentioned as having not given positive results. The Scientific Research Institute of the Rubber Industry has designed an instrument with automatic recording of force and distance between the indications of the working section. The instrument makes it possible to simultaneously measure and test two samples within a wide temperature range. Its dimensions do not depend on the number of samples tested. The introduction of a second parallel line for recording the magnitude of force on the second sample, is the only complication in the instrument (Fig. ✓)

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3/138/62/000/004/008/008
A051/A126

Rupturing machine with contactless

1). The ПСР-1 (PSR-1) potentiometer is used as the registering device of the tension balance discord. Measurements of the working section length of the tested sample, under action of expansion force, are recorded on a "Kiyev 16 С -2" (16S-2) movie camera film. The latter has a filming speed of 16 to 64 frames per second, or can be used for single shots. Figure 2 represents the diagram of the electrical system of the special device for recording the relative elongation. ДДЦ-27 (DGTs-27) semiconductor diodes are used. The device which records the curve, load-moment of time, corresponding to the filming of the given frame, has a mobile recorder ПСР-1 (PSR-1), registering the deformation load, and is supplied with a light-weight electromagnet which removes the recorder from the paper when disconnected, thus creating an intermittent line instead of a solid one. The electromagnet is connected through the time relay 3B-234 (EV-234) by the collector which cuts in the lock of the movie camera. The average quadratic error of measurement when calculating the rupturing tension of the instrument, within a temperature range of from 20 to 100°C, is 9.7%. There are 2 figures and 11 references: 8 Soviet-bloc and 3 non-Soviet-bloc.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry)

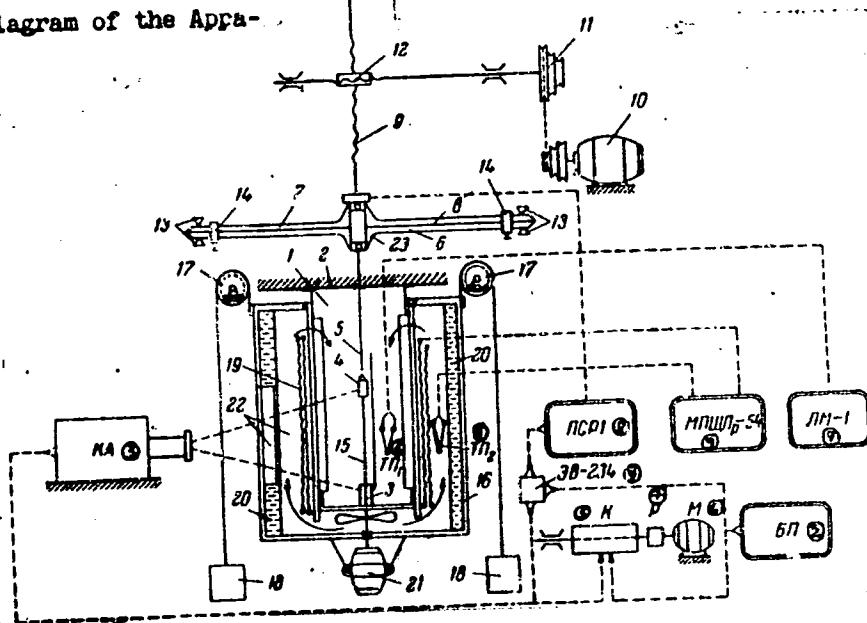
Card 2/4

S/138/62/000/304/008/008
A051/A126

Rupturing machine with contactless ...

Figure 1: Block Diagram of the Apparatus for testing rubbers in expansion: 1 - cylinder; 2 - panel; 3 - lower clamp; 4 - upper clamp; 5 - traction; 6 - lower spring; 7 - double-spring rod; 8 - upper spring; 9 - upper traction; 10 - motor; 11 - pulleys; 12 - worm gear; 13 - prisms; 14 - clamps; 15 - tested sample; 16 - thermo-chamber;

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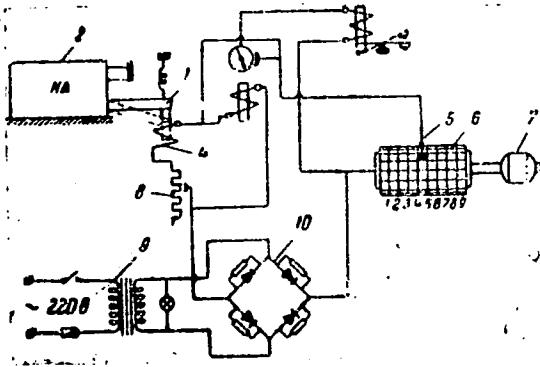
S/138/62/000/004/008/008
A051/A126

Rupturing machine with contactless

17 - weighted blocks; 18 - balancing weights; 19 - electroheater; 20 - thermo-insulating layer; 21 - ventilator; 22 - viewing window; 23 - spring-type collar with transmissions; (1) thermocouples; (2) feeding block; (3) movie camera "Kiyev 16S-2"; (4) time relay; (5) collector drum; (6) motor; starting up the collector drum; (7) reductor; (8) potentiometer; (9) instruments of the thermocouple, correspondingly TM_1 and TM_2 (TP).

Figure 2: Electrical circuit of the device for recording the relative elongation.

1 - clamp of the movie camera; 2 - movie camera; 3 - stand; 4 - electromagnet; 5 - sliding contact; 6 - collector drum; 7 - motor; 8 - rheostat; 9 - transformer; 10 - rectifier.



Card 4/4

MALVEYEV, ALEKSANDR ALEXANDROVICH

SLAVINSKIY, David Mikhaylovich; OGANYAN, Mamikon Manukovich; MATVEYEV,
Aleksandr Aleksandrovich; IVANOV, Zonstantin Yakovlevich;
LISHINSKIY, MIKHAIL TIKHOVICH; KLEYDNERVA, L.P., inzhener,
vedushchiy redaktor; MUKHINA, E.A., tekhnicheskiy redaktor

[Pressure furnaces in oil refining] Topki pod davleniem v
neftepererabotke. Moskva, Gos.nauchno-tekhn.izd-vo neft. i
gorno-toplivnoi lit-ry, 1957. 130 p. (MLRA 10:7)
(Furnaces) (Petroleum--Refining)

5(0), 8(0)

SOV/112-58-3-4527

Translation from: Referativnyy zhurnal. Elektrotehnika, 1958, Nr 3, p 162 (USSR)

AUTHOR: Matveyev, A. A.

TITLE: Degree of Automation at the Ryazan' Oil Refinery Under Construction
During 1956-1960 (Uroven' avtomatizatsii Ryazanskogo
neftepererabatyvayushchego zavoda, stroyashchesya v 1956-1960 gg.)

PERIODICAL: V sb.: Sessiya AN SSSR po nauchn. probl. avtomatiz. proiz.-va.
Komplesn. avtomatiz. proizv. protsessov. M., AS USSR, 1957, pp 188-199

ABSTRACT: The Ryazan' refinery is intended for simultaneous production of fuels,
oils, and chemicals from petroleum. The blueprints provide for use of a
small-size pneumatic AUS system developed by NIITeploprapor Institute as a
fundamental system of automatic supervisory control for all processing units
at the plant (except chemical processes). About 5,000 units of this system will
be mounted at the plant. An opinion is offered about the advantages of a
centralized control of a great number of outfits at the refinery from one

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5(0), 8(0)

SOV/112-58-3-4527

Degree of Automation at the Kyazan' Oil Refinery Under Construction During

operator's room. A simplified scheme of an automatic unit consisting of two deasphaltization outfits with a 1,600 ton daily output is briefly examined, as well as automation of individual operations and systems of general plant utilities. Engineering-and-economic effect of adopting the complex automation is analyzed (about 20% reduction in service personnel, annual operation costs cut by 5 million rubles, automation costs are paid by savings in three years). Immediate and long-range problems of automation of the oil industry are examined.

A.N.G.

Card 2/2

MATVEIEV, A. A.

Cherchende [Technical drawing]. Nestor, Gruzin. spravochnik, 1952. 802 p.

SO: Monthly List of Russian Acquisitions, Vol. 7, No. 3, Jun 1952.

MATVEYEV, Arkadiy Arkad'yevich; BORISOV, Dmitriy Mikhaylovich; MOROZOV, P.K.,
nauchnyy redaktor; ZHAMINSKIY, A.A., redaktor; OSTRIROV, N.S.,
tekhnicheskiy redaktor

[Mechanical drawing] Cherchenie. Moskva, Vses. uchebno-pedagog. izd-
vo Trudreservizdat, 1956. 219 p. (MIRA 9:11)
(Mechanical drawing)

MATVEYEV, Arkadiy Arkad'yevich; BORISOV, Dmitriy Mikhaylovich; BARANOVSKIY, N.A., nauchnyy red.; VYSHEKPOL'SKIY, I.S., red.; PERSON, M.N., tekhn.red.

[Mechanical drawing] Cherchenie. Izd.3.. perer. i dop. Moskva,
Vses.uchebno-pedagog.izd-vo Proftekhnizdat, 1960. 279 p.

(MIRA 13:16)

(Mechanical drawing--Study and teaching)

MATVEYEV, Arkadiy Arkad'yevich; BORISOV, Dmitriy Mikhaylovich;
BARANOVSKIY, M.A., nauchn. red.; SIDOROV, N.I., nauchn.
red.; KOBRINSKAYA, N.V., red.

[Mechanical drawing] Cherchenie. 4. perer. i sop. izd.
Moskva, Vysshiaia shkola, 1964. 311 p. (MIRA 18:2)

MATVEYEV, A.A.; ZAVODNOV, S.S.

Determination of the content of carbon dioxide in snow and in
ice. Gidrokhimmat. 36:156-157 1964.

1. Gidrokhimicheskiy institut, Novocherkassk. Submitted
December 13, 1961. (MIRA 18:11)

NATVEYEV, A.A.

Function of the adrenal glands in infectious hepatitis following
suspension of hormone therapy. Probl. endok. i gorm. 10 no.6:35-39
M-D '66. (MIFI A 18:7)

1. Katedra infekcionnykh bolezney (zav. - prof. A.I. Resnikov)
Vitebskogo meditsinskogo instituta.

ANISIMOV, I.V.; DYTNERSKIY, Yu.I.; MATVYEV, A.A.

Electronic digital computer calculation of the optimum construction parameters of the plate rectification columns for the separation of binary mixtures. Khim. prom. 40 no.10:776-782 C '64.

(MJRA 12.3)

VESELOVSKIY, N.V.; MATVEYEV, A.A.

Composition of the principal ions in the waters of lakes and
rivers in the eastern districts of the Orenburg Province during
the summer and fall of 1956. Gidrokhimmat. 29:3-29 '59.
(MIRA 13:5)

1. Gidrokhimicheskiy institut Akademii nauk SSSR, Novocherkassk.
(Orenburg Province--Rivers) (Orenburg Province--Lakes)
(Water--Analysis)

VSEBLOVSKIY, N.V. .. MATVEIEV, A.A.

Composition of the principal ions in the waters of ponds in the eastern districts of the Orenburg Province during the summer and fall of 1956. Gidrokhim. mat. 29:30-32 '59.

(MIRA 13:5)

1. Gidrokhimicheskiy institut Akademii nauk SSSR, Novocherkassk.
(Orenburg Province--Ponds) (Water--Analysis)

S/169/62/000/007/125/149
D228/D307

AUTHOR: Matveyev, A. A.

TITLE: Chemical composition of snow in Antarctica according observations on the profile Mirnyy-Vostok

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 72, abstract 7V424 (Gidrokhim. materialy, 34, 1961, 3-11)

TEXT: The salinity of snow on the profile Mirnyy-Vostok diminishes from the coast towards the center of the continent. The zone of snow with the least salinity is situated between the stations Kom-somol'skaya, Sovetskaya, and Vostok. In this region atmospheric precipitation falls mainly in the form of rime. The salinity and the chemical composition of snow in remote areas of E. Antarctica depend on the cyclones that penetrate to the dome. Seasonal changes in the movement of cyclones are reflected in the chemical composition of atmospheric precipitation, falling both on the coast and on the Antarctic slope. The mean annual distribution of the concentration of chlorides on the profile Mirnyy-Vostok is charac-

Card 1/2

Chemical composition of ...

S/169/62/000/007/125/149
D228/D307

terized by an initial Cl' concentration equal to 5 mg/l, and by a final Cl' concentration of 0.25 mg/l when a cyclone passes above the area of Stn. Mirnyy. 9 references. [Abstracter's note: Complete translation.] ✓

Card 2/2

MATVEYEV, A.A.

Dynamics of the chemical composition of atmospheric precipitation
in the region of the Pravda Coast (Antarctica). Dokl. AN SSSR 146
no.2:450-452 S '62.
(MIRA 15:9)

1. Gidrokhimicheskiy institut AN SSSR. Predstavлено akademikom
D.I. Shcherbakovym.
(Antarctic regions—Precipitation (Meteorology))

KREVSUNOV, V. N.; ARONINA, S. Ye.; YANOVSKIY, S. M.; MATVEYEV, A. A.

Experimental study of the static characteristics of the ethane-ethylene tower. Khim prom no. 3:221-224 Mr '64. (MIRA 17:5)

MATVEYEV, A.A.

Chemical composition of snow, ice, and atmospheric precipitation in the glaciation region of Elbrus. Gidrokhim. mat. 37; 10-22 '64. (MIRA 18.4)

1. Gidrokhimicheskiy institut Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR, Novocherkassk.

MATVYEV, A.B., kand. tekhn. nauk

Monographical method of calculating stage luminaires. Svetotekhnika
5 no.4:14-17 Ap '59.
(MIRA 13:1)

1.Moskovskiy energeticheskiy institut.
(Stage lighting)

MATVEYEV, A.B., kand.tekhn.nauk

Color solid range of real dyes. Svetotekhnika 7 no.1:14-19 Ja '61.
(MIA 14:2)

1. Moskovskiy energeticheskiy institut.
(Color measurement)

MATVEYEV, A.B., kand.tekhn.nauk

Dependence of the brightness level of a model as a function
of the brightness level of the object. Svetotekhnika 8 no.2:
6-9 F '62.
(MIRA 15:1)

1. Moskovskiy energeticheskiy institut.
(Electric light fixtures)

MATVEYEV, A.B., kand.tekhn.nauk

Effect of the spectral composition of electric lighting sources
on the standardized lighting level of streets and public squares.
Svetotekhnika 9 no.1:3-7 Ja '63. (MIRA 16:1)

1. Moskovskiy energeticheskiy institut.
(Street lighting) (Electric lighting)

MATVEYEV, A.B., kand. tekhn. nauk

Compensation of the effect of a line of uniform radiation of
fluorescent lamps on color transmission. Svetotekhnika 9
no.8:12-19 Ag '63. (MIRA 16:8)

1. Moskovskiy energeticheskiy institut.
(Electric lighting)

MATVEYEV, A.D., aspirant

Unusual foreign body of the mastoid process. Vest.oto-rin.
17 no.3:73-84 My-Je '55. (MLRA 8:9)

1. Iz kliniki bolezney ucha, gorla i nosa (dir.-deystvitel'-nyy chlen AMN SSSR prof. B.S. Preobrazhenskiy) lechebnogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V. Stalina.

(MASTOID, foreign bodies
wood splinter, surg.)

(FOREIGN BODIES,
mastoid, wood splinter, surg.)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R032932920018-2

INTERVIEW, A.D. Q. What do you know about the "White House" in
Asia, 1957? (A. I am not sure what you mean by "White House".)
(M, 26-5, 110)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R032932920018-2"

MATVEYEV, A. D
MATVEYEV, A.D.

Otogenic paresis of the facial nerve [with summary in English].
Vest.oto-rin. 19 no.3:44-50 My-Je '57. (MIRA 10:10)

1. Is kliniki bolezni ucha, gorla i nosa (dir. - prof. B.S.
Preobrazhenskiy) lechebnogo fakul'teta II Moskovskogo meditsinskogo
instituta.

(FACIAL PARALYSIS, etiol. and pathogen.

otitis media, review)

(OTITIS MEDIA, compl.

facial paralysis, review)

Matveyev A.D.

MATVEYEV, A.D. (Ryazan')

Using a special saw for preventing surgical paralysis of the facial nerve in radical operations on the ear [with summary in English].
Vest. oto-rin. 20 no.1:42-46 Ja-J '58. (MIR. II:3)

I. Iz kliniki bolezney ucha, gorla i nosa (zav. I.G.Kozlova)

Ryazanskogo meditsinskogo instituta imeni I.P.Pavlova.

(FACIAL PARALYSIS

prev. in radical ear surg. by use of special saw (Eus)
(EAR, surg.)

radical, prev. of facial paralysis by use of special
saw (Eus)

IWASCHENKOV, M. N.; MATVEIEV, A. D.

Case of prolonged presence of foreign bodies in the esophagus.
Vest. otorin. no.3:85-8 '61. (MIRA 14:12.)

1. Is kliniki bolezney ucha, nosa i gorla (zav. - prof. I. G. Kozlova)
Meditinskogo instituta imeni akad. I. P. Pavlova i Otorinolaringolo-
gicheskogo otdeleniya oblastnoy bol'nitsy imeni N.A. Semashko, Ryazan'.

(ESOPHAGUS—FOREIGN BODIES)

IVASHCHENKO, M.N.; MATVEYEV, A.D.

Rare teratoid tumor of the larynx with prolapse from the oral cavity. Zhur. ush., nos. i gorl. bol. 21 no.3:60-61 My-Je '61.
(MIRA 14:6)

1. Iz otdeleniya bolezney ucha, gorla i nosa (zav. - V.A.Pridantsev,
nauchnyy konsul'tant - prof. I.B.Kozlova) Chlastnoy klinicheskoy
bol'nitsy i vni N.A.Semashko g. Ryazani.
(LARYNX—TUMORS)

MATVEYEV, A.D., kand. med. nauk

Comparative evaluation of electrodiagnostic methods of
the investigation of lesions of the facial nerve. Zhur. ush.,
nos. i gorl. bol. 23 no.1:70 Ja-F '63. (MIRA 17:2)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof.
I.G. Kozlova) Ryazanskogo meditsinskogo instituta imeni
akademika I.P. Pavlova.

MATVEYEV, A. D.

MATVEYEV, A. D. --"Investigation of Sheet Metal Casting." Min Higher Education USSR, Moscow Order of Lenin and Labor Red Banner Higher Technical School imeni Bauman, Moscow, 1956
(Dissertation for the degree of Candidate in Chemical Science.)

KNIZHNAЯ IETOPIS
No. 41, October 1956

MATVEYEV A. D.

124-58-9-10367

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 138 (USSR)

AUTHOR: Matveyev, A. D.

TITLE: Theoretical Analysis of the Press-forming of a Sheet With a Cylindrical Punch (Teoreticheskiy analiz formovki lista tsilindricheskim puansonom)

PERIODICAL: V sb.: Mashiny i tekhnol. obrabotki metallov davleniyem. (MVTU, 79). Moscow, Mashgiz, 1957, pp 75-80

ABSTRACT: The process of press-forming of a sheet bar by a cylindrical punch is considered as the plastic deformation of a billet having an infinitely large diameter in the area placed on the opening of the die. The annular portion of the billet between the edges of the punch and the die forms a thin-walled axisymmetric shell with a curvilinear generatrix. The equations of the theory of plasticity are applied under the premise that the conditions of simple loading are fulfilled; thereupon the stress and strain distributions over the generatrix surface of the billet are obtained, also an equation for the relationship between the force applied and the topography of the deformed billet.

Card 1/1 1. Sheets--Production 2. Sheets--Mathematical G. A. Solntseva
analysis 3. Machines--Applications

124-58-9-10368

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 136 (USSR)

AUTHOR: Matveyev, A. D.

TITLE: Theoretical Analysis of Hydraulic Press-working With a Round Die (Teoreticheskiy analiz gidravlicheskoy formovki v krugloy matritse)

PERIODICAL: V sb.: Mashiny i tekhnol. obrabotki metallov davleniyem (MVTU, 79). Moscow, Mashgiz, 1957, pp 81-90

ABSTRACT: The equations of the theory of plasticity are used to solve the problem of the relationship between the stress and strain distribution in a cone-shaped billet obtained in the hydraulic press-working of a plate in a round die. Therein a simple loading is assumed, while the condition of plasticity is predicated on an assumed constancy of the tangential stresses throughout. Formulas are given for the determination of the stresses and strains at each point of the billet surface, the wall thickness at a generic time point of the deformation, and the pressure required in open-die working.

1. Hydraulic presses--Analysis

Card 1/1

G. A. Solntseva

MATTHIAS, A.D.

Problems in fluid shaping. Kus.-shtam.proizv. 1 no.6:12-15
Je '59. (Forging) (MFA 12:4)

8/123/61/000/008/009/013
A004/A1C4

AUTHOR: Matveyev, A.D.

TITLE: Calculating the shaping stresses of local round indentations during sheet stamping

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 8, 1961, 12, abstract 3V76 ("Tr. Omskogo mashinostroit. in-ta", 1959, no. 3, 171 - 181)

TEXT: The author presents formulae for the calculation of the shaping stresses of local indentations by punches with flat and spherical face ends. The excess in rated stress during the shaping with cylindrical punches amounts up to 10%, with spherical punches up to 15%. The method of calculating the shaping stresses expresses rather closely the power conditions of the operation and yields results which are sufficiently accurate for the practice. There are 5 figures and 4 references.

Ya. Golombik

[Abstracter's note: Complete translation]

Card 1/1

Stamping Bevel Gears in Horizontal Forging Machine

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S/18/76/000/001/003/008
A161, A029

producing inserts is illustrated in drawing (Fig. 6); the gear (Fig. 4) is photographed in four production stages: a) blank; b) blank after the "gathering" die part; c) after the final die part; d) ready gear after machining consisting in milling the butt ends, turning, shaping teeth in Gleason-type machine tools, etc. The material of cogged inserts is "7Kh3" (7Kh3) and "3X263" (3Kh2V8) steel. Heat treatment is used after stamping, prior to machining. No data on heat treatment are included. The forging machine at the mentioned Siberian works was a "GKM 5" with maximum pressure of 1,000 tons. The machine has to be chosen by the calculated stamping pressure in the "final" stamp part, calculated by a M.V. Storozhev's formula [Storozhev, M.V. and Popov, Ye.A., "Teoriya obrabotki metallov davleniem" (Theory of Metal Working by Pressure), Mashgiz, 1951]. The formula is not given. The master die was of "7Kh3" steel mentioned as being not fully satisfactory as die material. The cogged inserts were stamped on a "GKM9" machine, with sufficient accuracy. The conclusion is drawn that GKM, i.e., horizontal forging machines, may be used for gear stamping, and this means that the new gear-making method may be applied to another large gear group, viz. gears with long shanks. At the Siberian plant, mentioned also as "Sibzavod", it brings about an economy of 600 g of steel with every forging, has eliminated rough milling of the gear teeth and cleared a considerable shop floor area. There are 6 figures.

X

Card 2/2

11200

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S/182/61/000/008/001/005
D039/D113

AUTHOR: Matveyev, A.D.

TITLE: Plastic deformation of a pipe blank by hydrostatic pressure

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 8, 1961, 1-5

TEXT: This article deals with a theoretical analysis of the plastic deformation of a thin-walled, initially cylindrical pipe, when expanded without any application of axial force, and rigidly held by rings (Fig. 1). The problem was solved by approximately analysing stress and strain at certain points of the pipe during the deformation process. Final formulas were worked out for the calculation of (1) the hydraulic fluid pressure (p) necessary for the expansion of the pipe to a specific diameter at a given space between the supporting rings, and (2) the variation in the thickness of the pipe wall at points along the length of the pipe, where p can be expressed thus:

$$p = \frac{2\sigma_{p} s_0 [h_n^2 - (r_n - r_o)^2]}{h_n^2 (r_n + r_o) - (r_n^2 + r_o^2) (r_n - r_o)}, \quad (12)$$

(12)

Card 1/4

24550

Plastic deformation of a pipe blank

S/182/61/000/008/001/005
D038/D113

and the final formula for determining the minimum thickness of the wall was as follows:

$$s_m = s_o \left(\frac{r_o}{r_m} \right)^N, \quad (21)$$

where N depends on the interrelation of r_o , r_m , and h_M [Abstracter's note: for designations refer to Fig. 1]. The formulas (12) and (21) were checked in experiments carried out on 47R (AMg) aluminum alloy pipes 51 mm in external diameter and with 1.50 mm thick walls. The formula (21) allows the maximum permissible expansion to be calculated. The experimental data proved that the thickness limit on expansion is lower than that in linear elongation produced by tension. Further experimental studies are necessary to determine the relationship between the thinning limit of metal at different stresses. There are 4 figures and 7 references: 5 Soviet and 2 English references. The two references to English language publications read as follows: P.G. Hodge and F.A. Romanc, Deformations of an elastic-plastic cylindrical shell with linear hardening, J. Mech. Phys. Solids, 4,

Card 2/4

Plastic deformation of a pipe blank

24550
S/182/61/000/008/001/005
D038/D113

1956, and M.A. Hill, Theory of the Plastic Bulging of a Metal Diaphragm by Lateral Pressure. The Philosophical Magazine, v. 41, No. 322, 1950.

Card 3/4

MATVYEV, A.D., kand. tekhn. nauk, dotsent

Deformation process during sheet shaping. Izv. vyn. uchet.
zvez.; mashinostr. no.12:17.-177 '64.

1. Moskovskiy avtomekhanicheskiy institut.

MATVEYEV, A.D.

Results of otorhinolaryngological examinations of workers and employees of the carbon disulfide and spinning and finishing departments of a combine of artificial fibers. Nauch. trudy Riaz.med.inst. 23:110-117 '63.

(MIRA 18:12)

1. Kafedra otolaringologii (zav. kafedroy - prof. I.G.Kozleva) Ryazanskogo meditsinskogo instituta imeni akademika I.F.Pavlova.

MATVEYEV, A.G.

Case of fracture and dislocation of the talus in a child. Ortop., trav.
i protez. 25 no. 2160-6' F '64.
(MIRA 18:1)

1. Is travmatologicheskogo otdeleniya (zav. - A.G. Matveyev) gorodskoy
stantsii skoroy pomoshchi (glavnnyy vrach - B.G. Kovalenko). Adres v torce
Donetsk 48, Universiteteskaya ul., d. 76, kv. 61.

MATVEYEV, A.I.; KSENZENKO, S.A., kand.biolog.nauk

State farm station for artificial insemination servicing collective
farm herds. Zhivotnovodstvo 23 no.2:53-54 P 61. (MIRA 15:11)

1. Zaveduyushchiy Gosudarstvennoy stantsiyey iskusstvennogo
osemeneniya sovkhoza "Progress", Dnepropetrovskoy oblasti (for
Matveyev).
(Dnepropetrovsk Province—Artificial insemination)

MATVEYEV, A.I.; SOKOLOVSKIY, D.I.

Railroad cement car with pneumatic unloading. Mekh. stroi. №
no. 3:19-20 Mr '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut stroitel'nogo
i dorozhnogo mashinostroyeniya.

(Cement—Transportation)

(Railroads—Freight cars)

MATVEIEV, A.I.

Handbook of the Geographical Society of the U.S.S.R. Izv.Vses.-
geog.ob-va 95 no.3:292 My-Je '63. (MIRA 16:8)
(Geographical societies)

POLYAKOV, N.S.; BILICHENKO, N.Ya., kand.tekhn.nauk, VYSOKHIN, Ye.M., inzh.;
ZAVGORODNIY, Ye.Kh., inzh.; LADYCHUK, N.I., inzh.; MATVELEV, A.I.,
starshiy laborant

Designing and industrial testing of flexible supporting rollers of
belt conveyors. Vop.rud. transp. no.4:159-175 '60. (MIRA 14:3)

1. Dnepropetrovskiy gornyy institut im. Artema. 2. Chlen-korrespondent
AN USSR (for Polyakov).

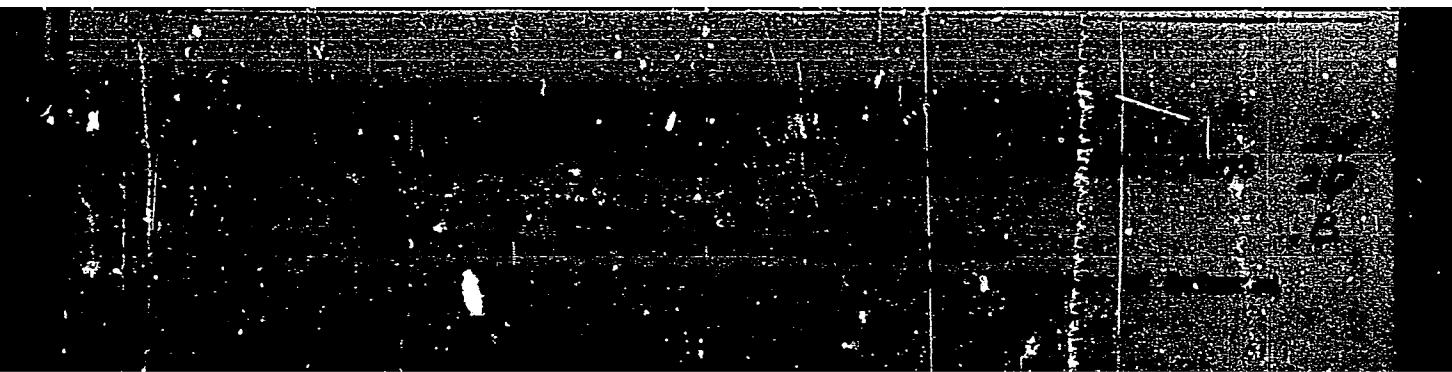
(Conveying machinery---Equipment and supplies)

POLYAKOV, N.S., prof.; BILICHENKO, N.Ya., dotsent; VYSOCHIN, Ye.M.,
goruyy inzh.; ZAVGORODNIY, Ye.Kh., goruyy inzh.; LADYCHIK, N.I.,
goruyy inzh.; MATVEYEV, A.I., starshiy laborant

Flexible rollers for conveyer belts. Ukol' Ukr. 4 no.7:32-33
J1 '60. (MIRA 13:8)
(Conveying machinery) (Roller bearings)

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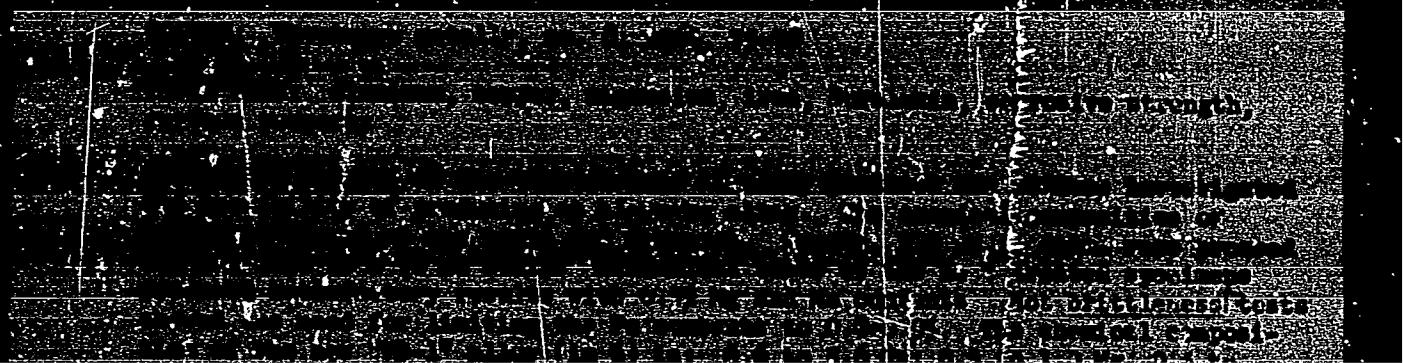


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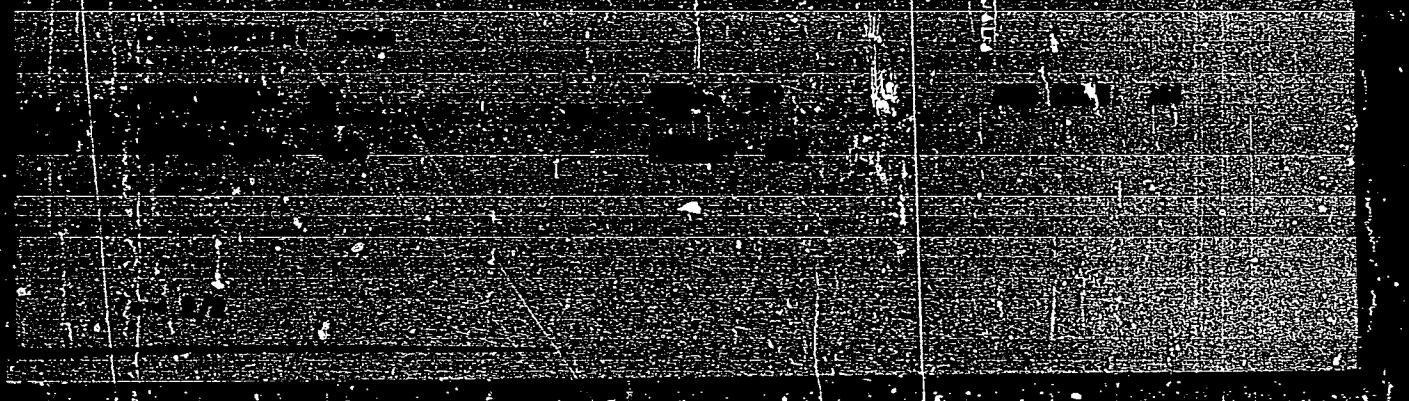


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MATVEYEV, A.I.

Automobiles - Radiators

Examining the thermal effectiveness of radiators. Avt.trakt.prom., no. 7, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, OCTOBER 1952. UNCLAS:1:LB.

MATVEYEV, A. I.

Firme manu

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5672. BR-3 APPARATUS FOR DETERMINING FUEL CONSUMPTION BY VEHICLES
ON ROAD. Belushin, B. and Matveyev, A. I. (Autors. TSIK. 1952)
(Autom. Tract. Ind., Moscow), Mar. 1951, 25).

8 25
8 25

MATVEEV, A.I., kandidat tekhnicheskikh nauk, redaktor; CHANOV, A.N.,
Inzhener, redaktor; GOL'D, B.V., kandidat tekhnicheskikh nauk,
retsensent; DYMOV, O.V., kandidat tekhnicheskikh nauk, retsen-
sent; MINKIN, M.L., kandidat tekhnicheskikh nauk, retsensent;
OSTROVTSKII, A.N., kandidat tekhnicheskikh nauk, retsensent;
TIEHCHOV, A.Ye., tekhnicheskiy redaktor.

[Studies in construction of automobiles; collection of scientific
research problems of the Molotov Automobile Factory and the
Zhdanov Polytechnical Institute at Gorkiy] Issledovaniia v oblasti
konstruirovaniia avtomobilja; sbornik nauchno-issledovatel'skikh
rabot avtomobil'nogo zavoda imeni Molotova i Gor'kovskogo
politekhnicheskogo instituta imeni Zhданова. Moakva, Gos. nauchno-
tekhn. izd-vo mashinostroit. i sudostrroit. lit-ry, 1953. 245 p.
[Microfilm] (MLRA 9:2)

(Automobiles -- Design and construction)

BELUKHIN, S. K.; MATVEYEV, A. I.

Automobiles - Fuel Consumption

BR-3 device for determining fuel consumption of an automobile on the highway.
Avt. trakt. prom. No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

MATVEYEV, A.I.

Two-wheeled truck trailer for transporting masts. Rata. i izobr.
predl. v stroi. no.89:19-20 '54. (MIRA 9:6)
(Motortrucks--Trailers)

BABICHEV, Vladimir Zakharevich; MATVEYEV, A. I., kand.tekhn.nauk, retsenzent;
SILAYEV, A.A., kand.tekhn.nauk, red.; IVANOVA, N.A., red.izd-va;
UVAROVA, A.P., tekhn.red.

[Production of automobile radiators] Proizvodstvo avtomobil'nykh
radiatorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.
lit-ry, 1958. 229 p. (MIRA 11:12)
(Automobiles--Radiators)

MATVEYEV, A.I., inzh.; SIMACHEV, D.K., inzh.

Equipment for overall mechanization of the loading, trans-
tation, and unloading of cement. Stroi. i dor. mas.. 9 no.2
27-28 Ag '64
(MIRA 18t1)

GEKHT, A.Kh., inzh.; MATVEYEV, A.I., inzh.

Rotary compressors for cement rotortrucks. Svetl. 1 dor. mash.
9 no.1.18-19 Ja '64. (MIRA 18:7)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R032932920018-2

MATVEYEV, A.I. (Lyubertsy); KAFRIN, O.I. (Lyubertsy)

Construction of precast reinforced concrete tanks with a capacity of 30 000 m³. Strel. truboprov. 10 no. 2-12-26. U.S. (U.S.S.R.)

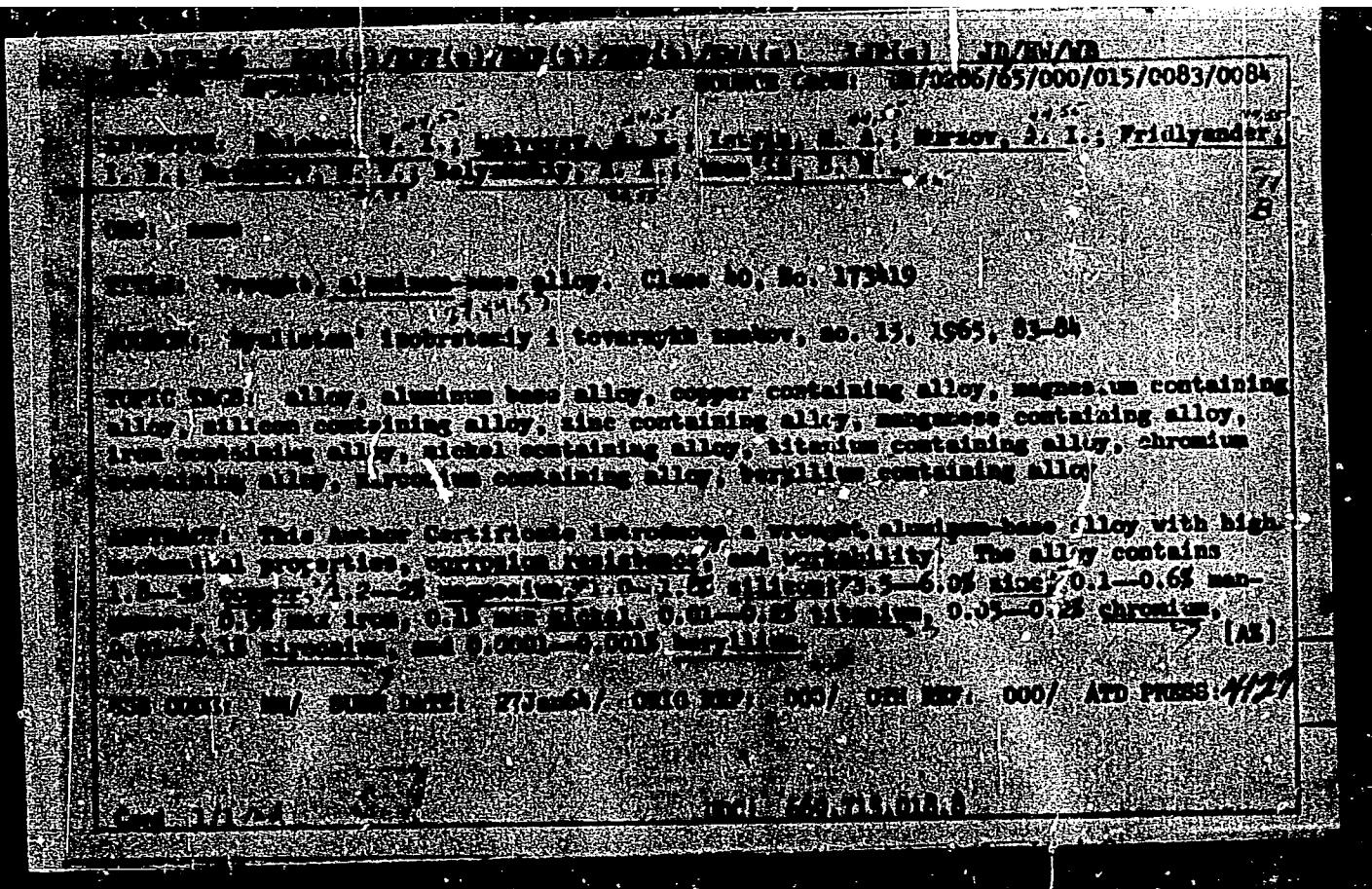
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CIA-RDP86-00513R032932920018-2"

DROMASHKO, S.G.; LUKASHEV, K.I.; MATVEYEV, A.I.; SOLOGUT, V.M.

Mineralogical subprovinces of Quaternary sediments in the
White Russian Polesye. Dokl. AN BSSR 9 no.10:675-679 O
'65. (MIRA 18:12)

1. Laboratoriya geokhimicheskikh problem AN BSSR. Submitted
September 29, 1965.



MATVEYEV, A.I., inzh.

Block design of protection and automatic control panels in electric power plants and substations. Elek. sta. 36 no.9:66-68 S '65.
(MIRA 18:9)

GENDIN, V.Ya.; KOPYRIN, O.D.; MATVEYEV, A.I.

Electric curing of concrete during the construction of tanks for
the "Druzhba" petroleu^m pipeline. Stroi. truboprov. 9 no.4:20-24
Ap '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu
magistral'nykh truboprovodov (for Gendin). 2. Trest No.1, Lyubertsy
(for Kopyrin, Matveyev).

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R032932920018-2

MATVEEV, A. K.

The coking coal resources of the Donets Basin. Moscow, Gos. nauch.-tekhn. gornoe izd-vo, 1932. 64 p. map. (49-43263)

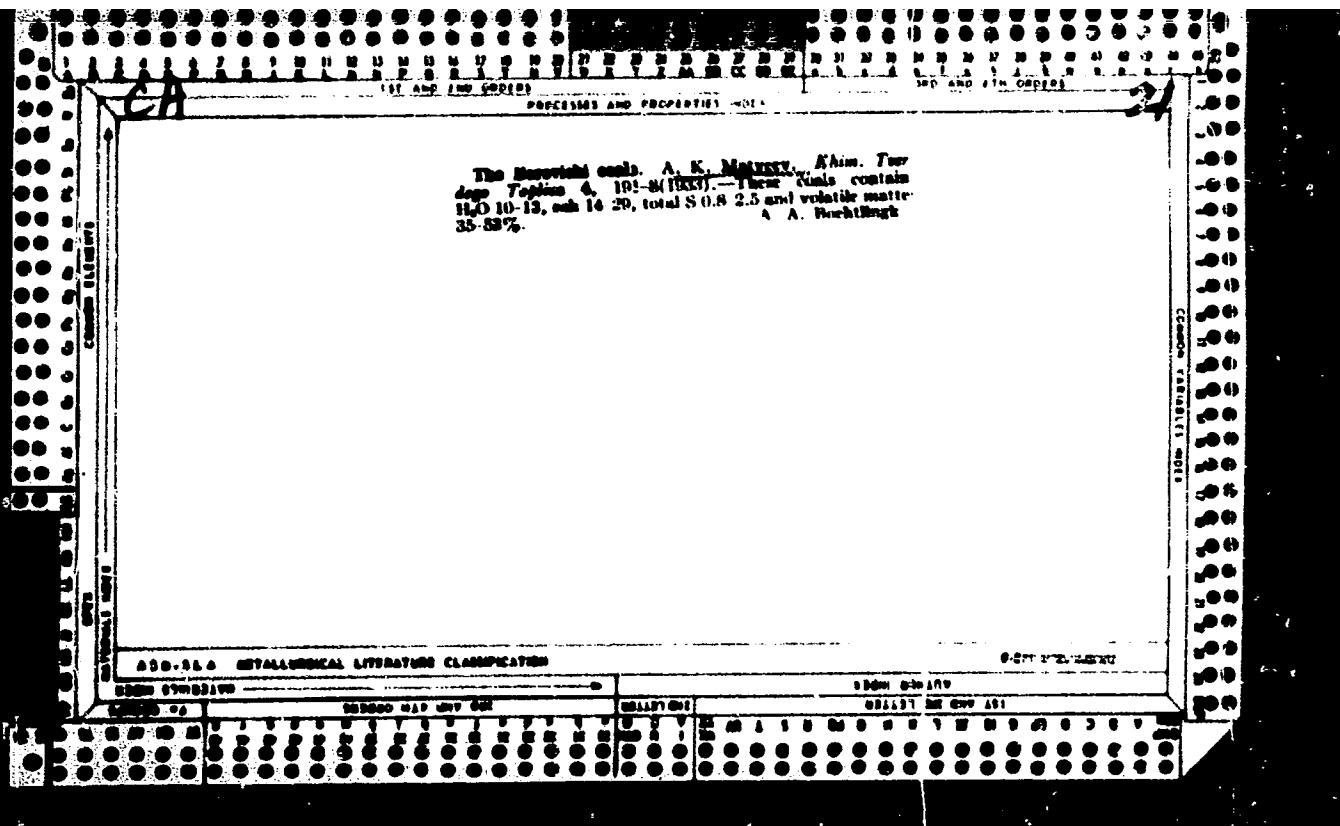
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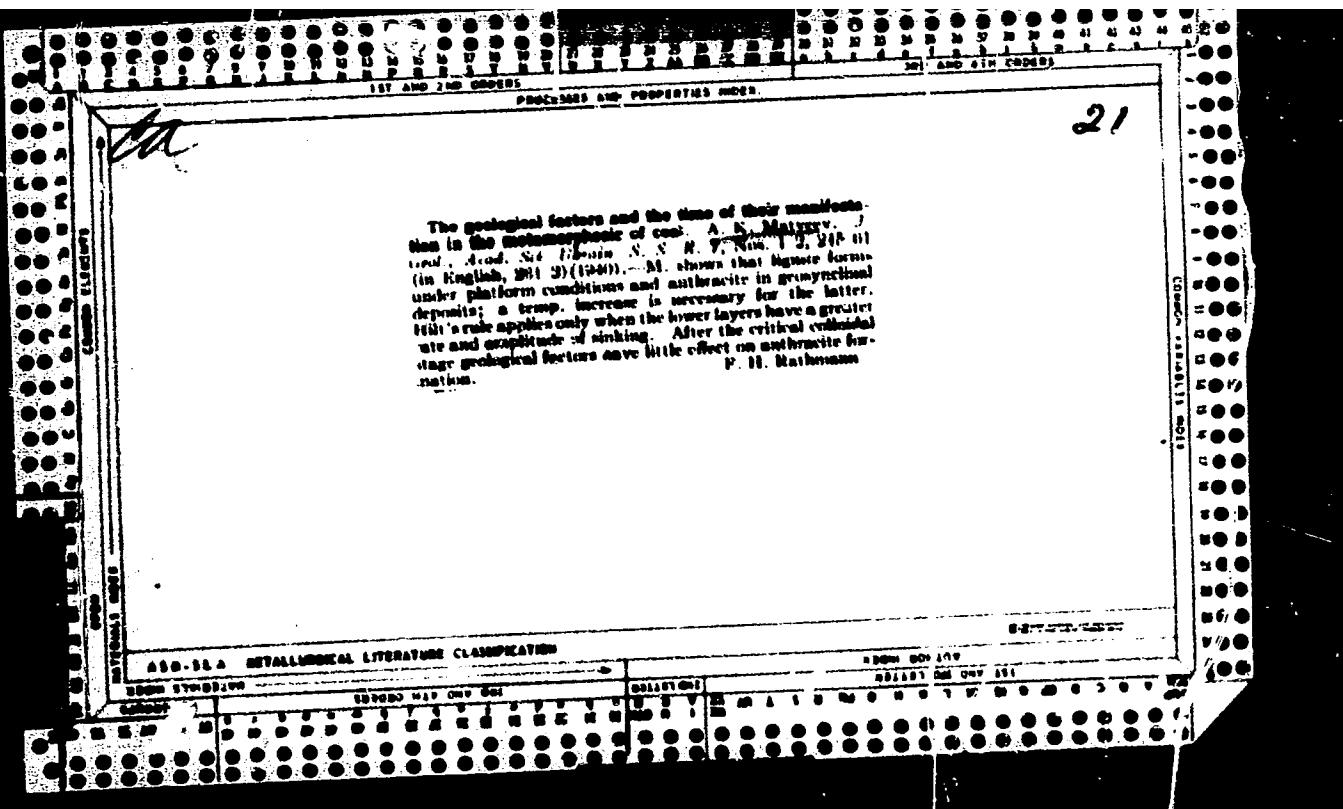
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21

Puchong coal. Ang K. NALYSSY, Khim. Tsvetnoye
Topine 3, 333-41 (1982).—Analyses of 6 no. of coal and
brown coal deposits are given. The coals range from
low- to high-rank bituminous and vary greatly in ash
and S.





BYKOVER, N. A.; VOLOGDIN, A. G.; NATVEYEV, A. K.; TITOV, N. A.; and TARKOV, P. V.
MATVEYEV, A. K.

"Geology and Mineral Resources of the Western Districts of the USSR," USSR Geological
Res. Inst., Moscow and Leningrad, 1941.

MATVEYEV, A.X.

Chief regularities of coal distribution in the U.S.S.R. and theoretical bases of regularities of their property changes. Trudy Inst. geol.nauk. no.90:202-212 '47. (MLRA 9:11)
(Coal)

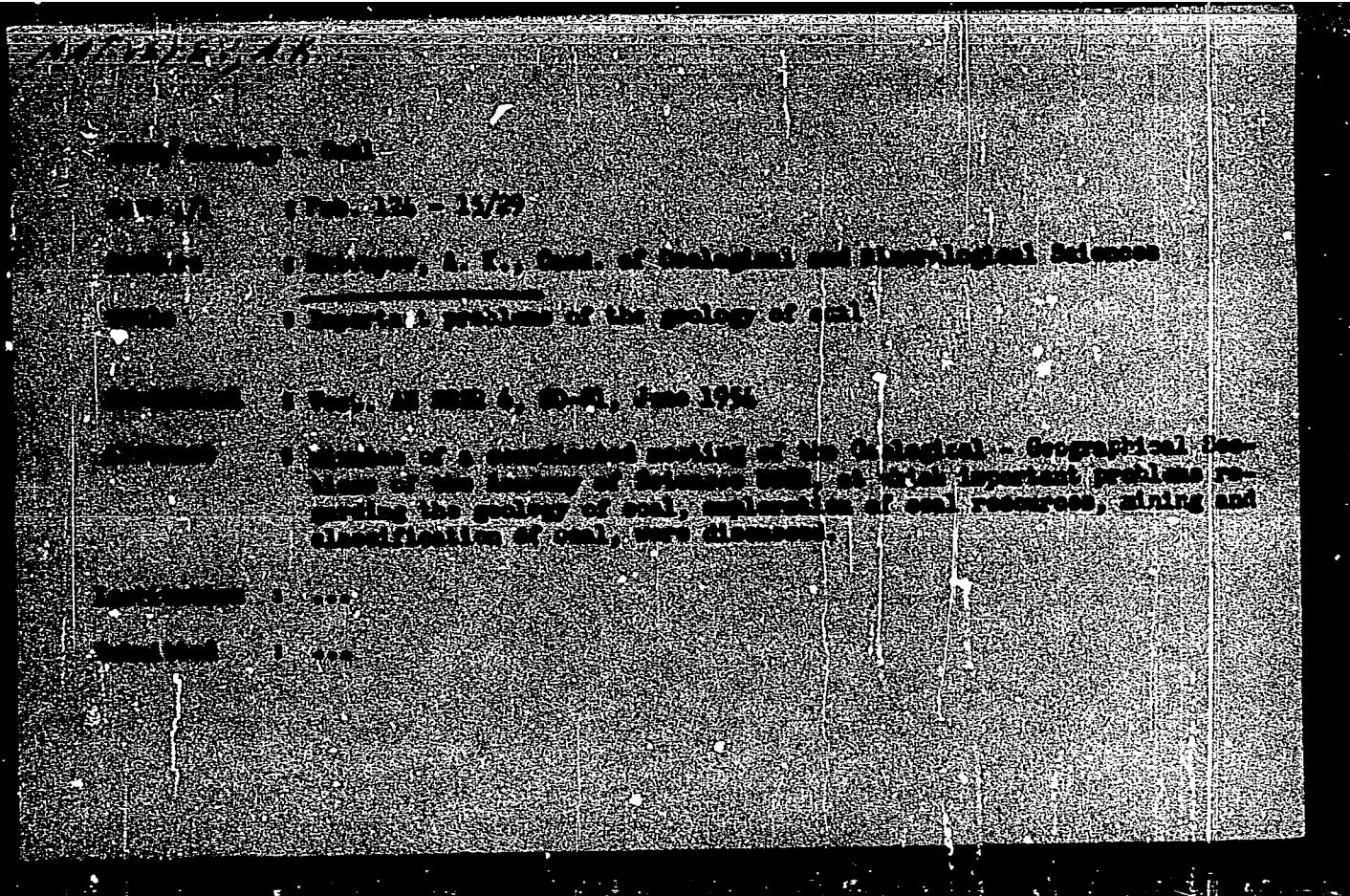
MATVEYEV, A. K.

Mtr., All-Union Inst. Geology, -1940-. "The Carboniferous in the Galician Depression," Dok. AN, 27, No. 1, 1940; "Primary Genetic Boundaries of Coal Fields," Dok. AN, 70, No. 4, 1949.

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